

IN THE SPECIFICATION

Please replace paragraph [0003] with the following amended paragraph:

A metal slide system and a roller slide system are available as the slide system of the slide frame in the poured molten metal quantity control device employing the linear slide system, and the basic structure of the metal slide system is widely known and used from the beginning of development of this type of apparatuses to the present (refer to, for example, Japanese Patent Publication Nos. 1-38592 and 48-4697 (US Patent Nos. 4,848,604 and 730870) patent documents 1 and 2).

Please replace paragraph [0005] with the following amended paragraph:

The roller slide system is developed to overcome the problem of friction force in the metal slide system described above (refer to, for example, ~~patent document 3~~ Japanese Patent Publication No. 62-58816 (US Patent No. 4,728,014)). The roller slide system can reduce the friction force generated at the time when a slide plate is slid, by using a roller, and further can reduce apparatus cost and maintenance cost. However, since the point of action of the roller to the periphery of a pouring port of the slide plate shifts and thus press force exerted to the periphery of the pouring port lacks balance, from which a possibility arises in that the press force is reduced on the periphery of the pouring port.

Please replace paragraph [0006] with the following amended paragraph:

In contrast to these linear slide type poured molten metal quantity control devices, there is available a rotary type poured molten metal quantity control device which relatively changes respective pouring ports from a completely open position to a completely close position by slidably turning a slide plate brick with respect to a fixed plate brick. The rotary type poured molten metal quantity control device is advantageous in that it is comparatively

compact because a worm device and the like are used as a means for turning a slide plate
brick in contrast that the linear slide type poured molten metal quantity control device
requires an additional expansion length corresponding to the stroke of the slide plate, press
force is exerted in relatively good balance, the maintenance of device is easy, and total cost
can be reduced because of the extended life of a refractory. Thus, many small to large rotary
type poured molten metal quantity control devices are used as poured molten metal quantity
control devices (refer to ~~patent document 4~~ Japanese Patent Publication No. 5-200533).